TM-185A

Temperature / Humidity Monitor

Features

USB

- Complete environmental monitoring and alarm solution
- Wall-Mounted LED type for easy reading
- Alarm set for CO2, Temperature and Humidity
- USB Datalogging Capacity 65,000 records
- Real-time data recoding.

Applications

- Warehouses
- Computer rooms
- Hospitals blood / Tissue banks
- Electronics manufacturing
- Laboratories
- Refrigerators
- Chambers / incubator
- Other Critical areas
- Defense
- Clean rooms

TM-187A

CO_2 / Temperature / Humidity Monitor

Technical parameters

Sampling time	1 time / second
Interval time	1s~24hrs
Output interface	From one of the three interfaces, RS-485 / RS-232 / USB
Analog output	4-20mA Output (RL≦250Ω)
Dry contact (Relay Switch)	Contact: Max. 1A@30Vdc Resistive load
Power	24Vac / Vdc±20% (50…60Hz) or 9-15V Adaptor
Power consumption	6W@24Vdc

Temperature

Type	Diode
Range	-20°C~70°C / -4°F~158°F
Accuracy	±1.0°C (5~60°C)other±2°C
Resolution	0.1°C / 0.1°F (0~35°C / 32°F~95°F); 1°C / 1°F (over 100°C / °F or below-10°C / °F)
Response Time	Typ.1 second

Relative Humidity

Type	Capacitive
Range	5-95%
Accuracy	±5.0%RH (20~80%); ±8.0%RH (<20%,>80%)
Resolution	0.1%
Response Time	Typ.4 seconds

CO2 (TM-187A only)

Type	Non-dispersive infrared (NDIR)
Range	1 to 9999ppm
Accuracy	±5% of reading or ±70ppm (0-2000ppm,others out of scale range)
Resolution	±1ppm
Response Time	Typ.2 minutes by 90%

	CO2	Humidity	Temp	65,000 Record	Clock	RS-232	RS-485	RELAY*1	4-20mA
TM-185A		●	●	●	●	●	●	●	●
TM-187A	●	●	●	●	●	●	●	●	●